ABSTRACT OF THE DISCLOSURE

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Disclosed herein is a chemiluminescent composition producing white light. The chemiluminescent composition producing white light comprises a blue or green fluorescer or a mixture thereof as a fluorescer, and a 1,6,7,12-tetrahaloperylenedicarboximide represented by Formula 3 below:

wherein R is an alkyl or aryl group, and X is Cl or $\ensuremath{\text{Br}}$.

The chemiluminescent composition can stably emit brighter and purer white light even at low temperature.